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K Tajima, HJ Hwang, M Sando, K Niihara - Journal of the European Ceramics Society, 1999 Cited by 30 - Related articles - Web Search - BL Direct - All 2 versions

#### Electric-Field-Induced Crack Growth Behavior in PZT/Al2O3 Composites

K Tajima, HJ Hwang, M Sando, K Niihara - Journal of the American Ceramic Society, 2000 - interscience.wiley.

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The purpose of this study is to develop a fatigue-free PZT-based composite. ...

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DY Chen, TE Murphy, JD Phillips - Thin Solid Films, 2005 - Elsevier

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processing of porous PZT thick-film ceramics on Al2Oa has been studied. ...

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# [CITATION] Processing of Porous and Dense PZT Thick Films on Al2O3 Substrates

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#### Fabrication of NiO nanoparticle-coated lead zirconate titanate powders by the heterogeneous ...

PH Xiang, XL Dong, CD Feng, YL Wang - Journal of the American Ceramic Society, 2003 - interscience.wiley.

... 6 K. Tajima, HJ Hwang, and M. Sando, "Electric-Field-Induced Crack Growth Behavior in **PZT/Al2O3** Composites," J. Am. Ceram. Soc., 83, 651–53 (2000). ...

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### Effect of Specimen Size on the Strength Degradation of Al2O3 subject to Thermal Shock

TK Gupta - Journal of the American Ceramic Society, 1975 - interscience.wiley.com

- ... transparent ferroelectric ceramics were thus fabricated without doping La to PZT. ...
- 1. Room-temperature flexural strengths of different- sized Al2O3 specimens as ...

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[CITATION] ... of Al2O3 diffusion and PbTiO3 seed layer on microstructural and ferroelectric characteristics of PZT ...

H KIMS, E KIMC - Thin Solid Films, 1997 Cited by 1 - Related articles - Web Search

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